

Abstract

The invention relates to a vapor barrier for use in the thermal insulation of buildings which can be used, in particular, for thermal insulation procedures in new buildings or in the renovation of old buildings. The vapor barrier in accordance with  
5 the invention is thereby capable of achieving water vapor exchange under different ambient conditions. This is achieved by using a material which has a water vapor diffusion resistance which is dependent on the ambient humidity and which also has adequate tensile strength and tear resistance.